(51) International Patent Classification[7]: **H04L 9/32**

(21) International Application Number: PCT/US02/08275

(22) International Filing Date: 19 April 2002 (19.04.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/285,200   20 April 2001 (20.04.2001)   US

(71) Applicant *(for all designated States except US)*: **PONOI CORP.** [US/US]; 81 Franklin Street, Second Floor, New York, NY 10013 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SAVAGE, Colin** [US/US]; 69 Thompson Street, Apt. A, New York, NY 10012 (US). **CHRISTOPHER, Petro** [US/US]; 6020 78th Street, Elmhurst, NY 11373 (US). **GOLDSMITH, Sascha** [US/US]; 146 North Beacon Street, Apt. 4A, Brighton, MA 02135 (US).
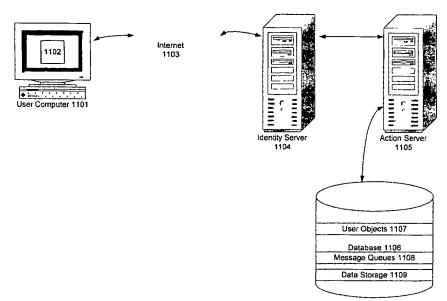
(74) **Agent: ABRAMSON, Ronald**; Hughes Hubbard & Reed LLP, One Battery Park Plaza, New York, NY 10004-1482 (US).

(81) **Designated States** *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) **Designated States** *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:
— of inventorship (Rule 4.17(iv)) for US only

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR SECURE AND PRIVATE COMMUNICATION

(57) **Abstract:** The invention provides secure and private communication over a network (1103), as well as persistent private storage and private access control to the stored information (1109), which is accomplished by imposing mechanisms that separate a user's actions (1105) from their identity (1104). The system provides (i) anonymous network browsing, in which event the anonymity system is unaware of both the user's identity and browsing activities, (ii) private network storage and retrieval of data such as passwords, profiles and files in a manner such that the data can be stored into the system and later retrieved without the system knowing the contents or owners of the data, and (iii) the ability of the user to control and manage access to the remotely stored data without the system knowing the contents, owners, or accessors of the data.